

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** June 20, 2006

**Inspector:** Diana Walden

**Location:** 345kV Underground Route

**Storm/**

**Rain Event:** Between 0.14-0.7" of rain was recorded over 6/19-6/20 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Several areas of bare soil were present along Rt. 7 but other construction projects are also ongoing. 2/2-6/20/06 -More restoration was noted this week. 6/20/06	- Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is completed. 2/2-6/20/06	- More restoration was noted at this time.
	- The School Rd HDD site has been restored and hydroseeded for event parking per the town's request. Adjacent wetland areas were restored 6/20/06	- The site looks well restored. Continue to monitor for final stabilization. 6/20/06	-Restoration efforts are complete. Good controls are in place.
	- Materials remain near the exit point of the bore. 6/20/06	- See erosion control section for more details. 6/20/06	- See erosion control section
	-A number of vaults continue to be accessed along other portions of the route for internal work (pulling/splicing cable). 4/12-6/20/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-6/20/06	-N/A
	- Active work continues north of the access drive of Norwalk Junction and along Rt 7, including up past the turn. This includes sawcutting, vaults and	-Controls were not noted in the catch basins along Rt 7. See erosion control section. 6/14-6/20/06  - This general area will	- Needs attention.

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	<p>trenchwork. Several areas of stockpiles were resulting. 5/31-6/20/06</p> <p>- 345kV work in the Norwalk Junction yard appeared to be complete. 6/20/06</p> <p>- Drilling equipment is in place at the new HDD site in Georgetown. The control house is in place and a pit has been excavated. 6/20/06</p>	<p>also be restored quickly due to landowner requests. 6/20/06</p> <p>- None at this time. 6/20/06</p> <p>- A bermed asphalt pad was built to contain equipment in the reclamation site. Continue to monitor the area. 6/14-6/20/06</p>	<p>- See erosion control section</p> <p>- Erosion controls are in place proactively</p>
<p>Erosion and Sediment (E&amp;S) Controls</p> <p><b>Route 7</b></p>	<p>- New grass growth was noted at the high school J&amp;B as well moving north towards Allen's Meadow. 6/20/06</p> <p>- At the School Rd. HDD, areas along the perimeter wetlands were restored with mulch and some wetland seed mix. The proposed parking area was hydroseeded and good erosion controls are in place between the areas. 6/20/06</p> <p>- Several inches of sediment were removed by hand from the eastern wetland and an original swale was restored. Accumulated sediment was also removed from the wetland beyond the basin. 6/20/06</p> <p>- An erosion control mat was installed along the swale slope near Old Danbury Rd. 6/20/06</p> <p>- Significant erosion/slumping was noted at the slope near the HDD exit point. 6/14-6/20/06</p>	<p>- Continue to monitor for stabilization. 6/20/06</p> <p>- The site look very well restored. Continue to monitor for stabilization. Snow/safety fencing will be installed to prevent parking in the softer/muddier areas. 6/20/06</p> <p>- Most existing vegetation was avoided and the area looks good. Continue to monitor for final stabilization. 6/20/06</p> <p>- Continue to monitor for stabilization and restore the vault area when access needs are complete. 6/20/06</p> <p>- The area will be restored with boulders and soil and then seeded. Remaining materials should also be</p>	<p>- New growth was noted</p> <p>- The area was hydroseeded and restored.</p> <p>- The sediment was carefully removed.</p> <p>- Erosion control mats were installed</p> <p>- Needs attention</p>

Areas of Inspection	Observation	Recommended Action	Corrective Action
Erosion and Sediment (E&S) Controls <b>Route 7 continued</b>	- The previously disturbed vault area across from the Zion church had been restored with seed and mulch. 6/20/06	removed. 6/14-6/20/06  - Continue to monitor for stabilization. 6/20/06	- The area was restored
<b>Rt. 107</b>	- The vault at Wilton Corp Park was being accessed at this time. 6/20/06  - Landowner activities near the storage area near #848 (Rt.7) are also directly affecting wetlands, including placing sediment on the banks of the swales. 3/15-6/20/06  - Catch basins along the Rt 7 turn area did not appear to have filters/controls in place but disturbed soil was adjacent. 6/14-6/20/06  - Ruts from equipment access had been noted in the island at the Rt. 107 & 7 intersection leading to sedimentation near an inlet. 2/2-6/20/06  - At the Georgetown Deli J&B, vegetative growth continues at all of the restored areas. 6/20/06  - Erosion controls are in good shape near the new HDD site along the Norwalk River and the asphalt pad is bermed to contain the work. Additional silt fence was installed along the drill pit. 6/20/06	-The vault area will not be restored until after access needs are complete. 6/20/06  -The sediment placement and landowner activities are outside of project jurisdiction. 4/6-6/20/06  - Protect catch basins with silt sacks or filter fabric in the grate. 6/14-6/20/06  - Protect catch basins and restore the island if access is complete or stabilize temporarily within guidelines. 4/6-6/20/06  -Due to the sandy soils, EC mats are installed here to promote stabilization. Continue to monitor 5/31-6/20/06  - Continue to monitor controls, especially in the corner of the site as run-off will concentrate here. 6/14-6/20/06	-NA until access is complete  -N/A  - Needs attention  -Needs attention  - Growth continues  -N/A
<b>Umpawaug Rd.</b>	- Vault access continues	-These areas will need to	- Needs attention

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And Diamond Hill Rd.	along Umpawaug Rd.. 5/31-6/20/06	be restored when access needs are complete even though adjacent areas are restored well. 6/20/06	when access is done
Norwalk Junction	-Silt fence was installed along the stockpiles remaining near the swale at Norwalk Junction. 6/20/06	- Continue to monitor. Pick up piles when work is done. 6/20/06	- Silt fence was installed as recommended
Adjacent Wetlands and Waterways	-The wetland channels beyond the basin were cleared of sediment as much as possible. 6/20/06  - Wetlands directly to the east of the basin had several inches of accumulated sediment removed by hand. 6/20/06  -Adjacent areas of wetland were restored around the HDD site. 6/14-6/20/06	-Continue to monitor until the area has stabilized. 6/20/06  - The natural swale here was restored. Continue to monitor. 6/20/06  -Some wetland seed mix was placed and the areas can revegetate naturally. 6/20/06	- Efforts were made to remove sediment  -Sediment was removed.  -Mulch and seed were placed.
Staging, Storage, and Parking Areas	- The equipment storage yard on the property south of the Rt. 7 &107 intersection was mostly contained. 1/26-6/20/06 - Disturbance is mostly due to landowner activities. 3/15-6/20/06  - Debris was being piled here as well but efforts will be made to clean up. 6/20/06  - The storage area along Rt 7 across from Old Highway Rd is still in use. Large stockpiles were noted here 6/14-6/20/06  - The racquet club storage yard has a pile of sandbags stored here. Stormwater had	- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially spillable materials should be left behind. Equipment should not be placed near resource areas. - Even though this is an active site, provide good housekeeping and remove debris when feasible. 5/4-6/20/06  - The area is fairly well contained but control stockpiles if necessary. Continue good housekeeping here. 5/4-6/20/06 - Install haybales at the culvert within the swale in an attempt to filter run-	-N/A at this time          -May need attention  - Needs attention

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	<p>been seen running to the swale on site. 6/7-6/20/06</p> <p>- The HDD is well graded and restored. 6/20/06</p> <p>- Equipment and materials are also being stored off Rt 7 before the Rt 33 turn. 6/14-6/20/06</p>	<p>off. 2/2-6/20/06</p> <p>-Continue to monitor 6/20/06</p> <p>- Keep areas contained and avoid encroachment into the tree line 6/14-6/20/06</p>	<p>-Restoration efforts are complete</p> <p>-Continue to monitor</p>
Soils	<p>- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. Soils off roadway can be returned to the trench.</p>	<p>- Soils appear to be handled appropriately. 6/20/06</p> <p>- Continue to make sure stockpiles are backfilled to the trench by the end of each day. 2/2-6/20/06</p>	N/A at this time
State species of concern, threatened and endangered species	<p>- No species of concern are located in this area of construction.</p>	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Restoration efforts (seeding and mulching) were noted along Rt 7, including near the Zion church. 6/20/06</p> <p>- The restored area near Wilton HS and Allen Meadow's Park had new growth. 6/20/06</p> <p>-Restoration efforts are largely complete along Umpawaug Rd. 5/10-6/20/06</p> <p>-The HDD was completely restored and hydroseeded. 6/20/06</p> <p>- New growth continues at the mats near Georgetown Deli. 6/20/06</p> <p>- Disturbed areas along Rt 7</p>	<p>-Continue restoration: other projects are ongoing as well making it difficult to coordinate efforts. 3/29-6/20/06.</p> <p>- Monitor for stabilization. 6/20/06</p> <p>-Continue to restore where necessary after vault access. Grass cover continues to increase in many areas. 5/10-6/20/06</p> <p>-Monitor for final stabilization. 6/20/06</p> <p>-Continue to monitor for final stabilization. 6/20/06</p> <p>- Continue to monitor. 6/20/06</p>	<p>Restoration efforts were noted. Continue to provide.</p> <p>-Grass growth was noted</p> <p>-Needs attention in vault areas</p> <p>- Restoration efforts are complete</p> <p>- N/A</p> <p>- N/A</p>

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	near Ring's End lumber will be restored soon. 6/20/06		
Dewatering	- No obvious dewatering efforts were noted at the time. 6/20/06	- Continue to provide controls where necessary. 6/20/06	- N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A
Spills and Material Storage	- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 6/20/06	- The contractors should remain vigilant about securing and handling fuel containers. - Continue to keep all vehicles maintained well (i.e. no apparent fluid	-N/A
		leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand. - Report spills immediately, even if they are being controlled.	
Additional Observations			

**Next likely scheduled inspection:**

Wednesday June 28, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:**

Diana Walden





**345kV (Norwalk Junction and Rt 7) Photo on the left shows the silt fence installed at NJ at the base of the remaining stockpiles. Photo on the right shows the work just north of NJ. This area will be temporarily restored soon per landowner's request. Protect catch basins along here. 6/20/06**



**Photo on the left shows the area near Old Danbury Rd where the slope was restored with an erosion control blanket. (School Rd HDD): Photo on the right shows the HDD School Rd site restored and hydroseeded. 6/20/06**



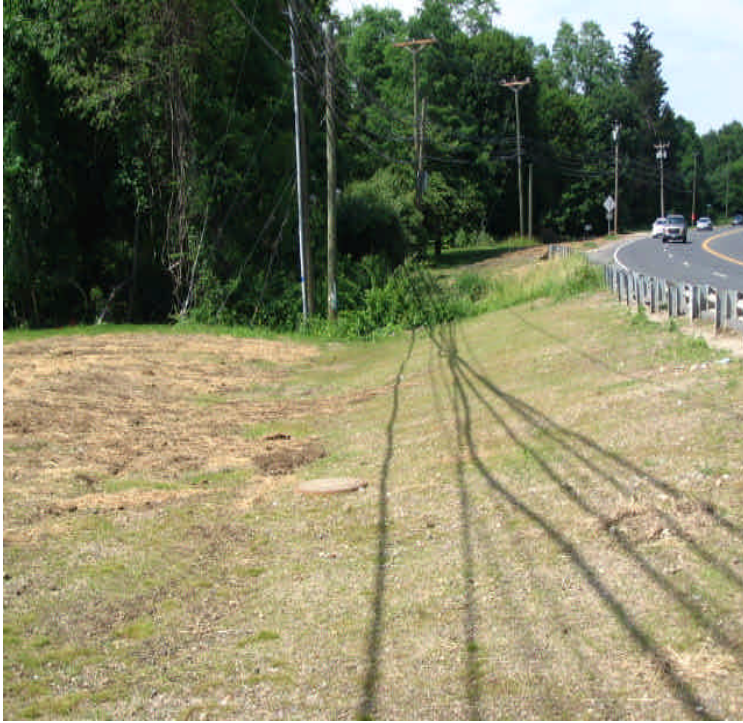


Photo on the left shows another view of the old HDD site. The area is restored for future event parking per request of the town. Photo on the right shows the area beyond the basin to the south which has been restored and seeded with wetland species. 6/20/06



Photo on the left shows the restored area to the east of the basin. This will also be allowed to return to wetland vegetation. Photo on the right shows where accumulated sediment was removed by hand from the wetland, restoring a natural swale here. 6/20/06





**(Rt 7) Photo on the left shows where new grass growth is evident at the old HS jack and bore site following restoration. Photo on the right shows where recently accessed roadside areas have been seeded and mulch near the Zion church. 6/20/06**



**(New Georgetown HDD): Photo on the left shows the new HDD area off Rt 107. Silt fence is up along the drilling pit and the temp control house is in place. (Georgetown Deli): Photo on the right shows one of the recently restored portions of the bank where vegetation is returning. 6/20/06**